

TABLE 4C
PERCENT CHANGE IN PERSONAL INCOME FOR U.S., BY MAJOR SOURCE AND EARNINGS BY INDUSTRY

2009 \$

	2006- 2007	2007- 2008	2008- 2009	2009- 2010	2010- 2011	2011- 2012	2012- 2013	2013- 2014	2014- 2015	2015- 2016
Income by place of residence										
Personal income (thousands of dollars)	2.8%	1.1%	-3.2%	1.5%	3.7%	3.1%	-0.1%	3.7%	4.6%	1.2%
Population (persons) 2/	-1.5%	-2.0%	0.9%	-0.8%	-1.7%	-1.1%	-0.6%	-0.7%	0.4%	-0.4%
Per capita personal income (dollars) 3/	1.8%	0.1%	-4.1%	0.6%	2.9%	2.4%	-0.8%	2.9%	3.8%	0.5%
Derivation of personal income										
Earnings by place of work	1.3%	-0.5%	-3.8%	1.0%	2.1%	2.8%	1.5%	2.8%	4.0%	1.5%
Less: Contributions for government social insurance 4/	1.7%	-0.3%	-2.4%	0.4%	-9.0%	1.8%	14.6%	3.0%	4.2%	2.0%
Employee and self-employed contributions to govnmnt social ins.	2.6%	0.4%	-2.0%	0.0%	-19.6%	1.2%	30.4%	3.5%	4.5%	2.8%
Employer contributions for government social insurance	0.7%	-0.9%	-2.8%	0.8%	2.7%	2.2%	1.1%	2.5%	3.9%	1.0%
Plus: Adjustment for residence 5/	-3.2%	-1.0%	14.0%	-0.1%	1.8%	4.6%	5.7%	-7.2%	-1.8%	-4.7%
Equals: Net earnings by place of residence	1.3%	-0.6%	-4.0%	1.1%	3.5%	3.0%	0.1%	2.8%	3.9%	1.4%
Plus: Dividends, interest, and rent 6/	7.1%	0.1%	-11.4%	-2.1%	9.3%	8.4%	-2.3%	7.3%	6.4%	0.1%
Plus: Personal current transfer receipts	4.4%	9.9%	9.8%	6.5%	-0.9%	-1.6%	1.3%	3.2%	5.1%	2.0%
Earnings by place of work (thousands of dollars)										
Components of earnings										
Wages and salaries	3.0%	-0.9%	-4.3%	0.3%	1.5%	2.6%	1.4%	3.5%	4.8%	1.8%
Supplements to wages and salaries	1.5%	-0.2%	-0.7%	1.4%	0.8%	0.8%	1.4%	1.6%	3.6%	1.3%
Employer contributions for employee pension and insurance funds 7/	1.9%	0.2%	0.3%	1.7%	0.0%	0.2%	1.6%	1.2%	3.4%	1.4%
Employer contributions for government social insurance	0.7%	-0.9%	-2.8%	0.8%	2.7%	2.2%	1.1%	2.5%	3.9%	1.0%
Proprietors' income 8/	-8.8%	1.1%	-5.3%	4.5%	8.0%	7.4%	2.5%	0.7%	-0.1%	-0.1%
Farm proprietors' income	21.8%	4.5%	-29.3%	32.3%	62.2%	-8.4%	44.8%	-23.6%	-19.5%	-35.3%
Nonfarm proprietors' income	-9.8%	1.0%	-4.2%	3.5%	5.7%	8.4%	0.1%	2.7%	1.0%	1.6%
Earnings by industry										
Farm earnings	17.7%	2.6%	-18.8%	14.7%	36.9%	-1.4%	30.9%	-18.1%	-15.7%	-22.2%
Nonfarm earnings	1.2%	-0.6%	-3.7%	0.9%	1.9%	2.9%	1.2%	3.1%	4.2%	1.7%
Private nonfarm earnings	0.9%	-1.1%	-5.1%	0.7%	2.7%	3.9%	1.5%	3.6%	4.4%	1.7%
Forestry, fishing, and related activities										
Forestry and logging	-4.2%	-5.1%	-0.9%	12.7%	-5.0%	11.1%	-0.2%	4.0%	6.3%	4.2%
Fishing, hunting and trapping	-8.8%	-9.4%	-9.5%	20.3%	-9.3%	11.8%	-2.6%	2.8%	4.7%	0.8%
Fishing, hunting and trapping	-6.4%	-8.5%	-6.7%	28.8%	-8.7%	13.2%	-6.2%	-1.1%	3.9%	3.8%
Support activities for agriculture and forestry	-2.1%	-3.1%	2.8%	8.6%	-3.0%	10.6%	1.3%	4.9%	7.1%	5.3%
Mining, quarrying, and oil and gas extraction										
Oil and gas extraction	-10.1%	47.8%	-40.1%	18.5%	30.6%	10.2%	5.4%	8.4%	-15.0%	-22.3%
Oil and gas extraction	-18.9%	73.5%	-51.1%	28.0%	35.6%	11.5%	8.7%	9.3%	-15.6%	-22.4%
Mining (except oil and gas)	-1.9%	3.9%	-6.9%	4.7%	16.7%	0.0%	-7.7%	-3.3%	-2.0%	-9.2%
Support activities for mining	11.1%	19.5%	-23.6%	8.6%	28.2%	13.5%	4.4%	12.1%	-19.2%	-29.2%
Utilities										
Utilities	-1.8%	8.2%	-5.5%	0.3%	2.7%	-4.5%	2.4%	3.9%	2.2%	4.0%
Construction										
Construction	-3.3%	-8.1%	-12.4%	-5.3%	-0.2%	5.6%	3.2%	7.0%	7.0%	5.8%
Construction of buildings	-5.7%	-10.2%	-13.4%	-5.5%	-1.1%	5.7%	2.8%	7.3%	7.6%	6.6%
Heavy and civil engineering construction	1.7%	-2.4%	-9.4%	-4.1%	1.0%	5.6%	2.5%	6.6%	5.2%	2.1%
Specialty trade contractors	-3.2%	-8.2%	-12.5%	-5.5%	-0.2%	5.6%	3.5%	6.9%	7.2%	6.3%

2009 \$

	2006- 2007	2007- 2008	2008- 2009	2009- 2010	2010- 2011	2011- 2012	2012- 2013	2013- 2014	2014- 2015	2015- 2016
Manufacturing	-0.6%	-3.4%	-10.9%	-0.4%	3.1%	2.1%	-0.2%	2.8%	3.2%	-0.6%
Durable goods manufacturing	-0.8%	-4.8%	-13.0%	0.0%	3.7%	2.8%	0.2%	2.2%	3.4%	-0.4%
Wood product manufacturing	-8.7%	-13.1%	-21.8%	-3.9%	1.1%	1.9%	8.1%	7.4%	4.4%	2.0%
Nonmetallic mineral product manufacturing	-2.1%	-8.3%	-19.7%	-4.4%	-0.1%	1.5%	1.5%	4.6%	5.3%	2.7%
Primary metal manufacturing	-0.9%	1.3%	-28.2%	4.5%	12.5%	1.2%	-4.2%	2.3%	1.2%	-5.6%
Fabricated metal product manufacturing	0.9%	-0.7%	-14.8%	-0.6%	5.7%	5.6%	-0.3%	3.4%	1.7%	-2.5%
Machinery manufacturing	1.7%	-1.1%	-9.6%	-1.9%	5.9%	3.3%	1.5%	2.7%	1.9%	-4.8%
Computer and electronic product manufacturing	0.1%	-6.1%	-8.5%	2.8%	-0.1%	2.1%	-3.7%	0.9%	3.5%	3.0%
Electrical equipment, appliance, and component manufacturing	-1.9%	-0.7%	-7.4%	0.7%	2.4%	2.0%	1.1%	0.2%	2.9%	0.1%
Motor vehicles, bodies and trailers, and parts manufacturing	-6.4%	-16.5%	-25.1%	2.0%	9.2%	6.3%	1.7%	4.5%	7.3%	2.7%
Other transportation equipment manufacturing	3.9%	-2.2%	-2.6%	0.2%	4.9%	1.7%	2.0%	-2.0%	2.3%	-1.7%
Furniture and related product manufacturing	-3.1%	-8.5%	-21.2%	-6.7%	-1.0%	-0.4%	3.8%	4.5%	7.7%	3.1%
Miscellaneous manufacturing	-0.4%	0.6%	-6.9%	-1.4%	-1.1%	-0.4%	1.8%	2.5%	4.4%	-0.4%
Nondurable goods manufacturing	-0.3%	-0.8%	-7.0%	-1.2%	2.0%	1.0%	-0.9%	4.0%	2.7%	-1.0%
Food manufacturing	1.2%	0.1%	2.0%	0.2%	-1.7%	2.8%	0.3%	5.2%	2.5%	2.3%
Beverage and tobacco product manufacturing	2.4%	5.5%	-7.7%	2.1%	-4.7%	4.8%	-0.7%	7.8%	5.6%	2.7%
Textile mills	-8.8%	-11.7%	-20.8%	1.7%	-1.4%	2.3%	0.6%	5.0%	-2.8%	-1.6%
Textile product mills	0.9%	-10.6%	-14.2%	-1.6%	-3.2%	3.9%	-0.4%	6.8%	-2.2%	0.9%
Apparel manufacturing	-7.6%	-5.0%	-16.9%	-2.3%	-7.7%	1.8%	-3.0%	-1.7%	-4.1%	-2.3%
Leather and allied product manufacturing	-6.0%	-5.5%	-12.9%	-3.1%	0.8%	5.6%	7.8%	-6.0%	2.3%	-2.5%
Paper manufacturing	2.3%	-5.9%	0.9%	-7.8%	-0.8%	-5.6%	4.4%	-1.1%	1.6%	-1.9%
Printing and related support activities	-1.3%	-6.6%	-15.2%	-5.2%	-2.9%	-3.5%	-1.3%	-0.3%	0.7%	-0.8%
Petroleum and coal products manufacturing	-4.7%	6.6%	-19.8%	0.7%	29.7%	22.5%	-14.6%	-2.0%	4.1%	-11.3%
Chemical manufacturing	1.8%	3.5%	-5.7%	-1.5%	4.2%	-4.0%	-0.2%	7.3%	3.7%	-2.5%
Plastics and rubber products manufacturing	-3.4%	-5.2%	-12.0%	3.2%	1.2%	1.5%	2.4%	4.0%	3.4%	1.8%
Wholesale trade	4.0%	-2.2%	-7.0%	-0.2%	3.4%	3.4%	1.2%	3.2%	4.0%	-1.0%
Retail trade	-0.9%	-6.7%	-2.7%	0.3%	1.1%	2.0%	1.4%	2.5%	4.4%	1.8%
Motor vehicle and parts dealers	-1.7%	-11.1%	-10.9%	5.0%	4.0%	4.6%	4.0%	4.0%	5.4%	3.1%
Furniture and home furnishings stores	-4.2%	-11.5%	-15.1%	-2.1%	0.2%	0.8%	2.5%	3.4%	5.3%	2.8%
Electronics and appliance stores	0.6%	-3.0%	-9.8%	4.7%	5.2%	-0.3%	-4.9%	-0.1%	8.6%	-2.8%
Building material and garden equipment and supplies dealers	-3.6%	-7.4%	-7.0%	-2.3%	-1.1%	0.8%	3.0%	2.0%	3.2%	3.2%
Food and beverage stores	-1.2%	-6.6%	6.2%	-0.5%	-1.2%	1.5%	1.0%	1.3%	4.9%	1.5%
Health and personal care stores	2.5%	-1.9%	1.1%	1.1%	-0.7%	1.5%	2.0%	0.3%	2.3%	2.8%
Gasoline stations	-2.2%	-9.0%	1.6%	1.8%	-0.8%	4.7%	0.6%	3.7%	3.9%	3.7%
Clothing and clothing accessories stores	0.0%	-6.3%	-7.8%	1.3%	-0.6%	3.7%	1.4%	0.0%	1.2%	-0.4%
Sporting goods, hobby, musical instrument, and book stores	-2.0%	-6.2%	-1.8%	-3.2%	-2.8%	0.0%	3.0%	2.6%	4.4%	-2.5%
General merchandise stores	0.6%	-0.9%	3.1%	-3.2%	2.1%	-2.0%	-1.1%	1.6%	3.2%	0.7%
Miscellaneous store retailers	-3.8%	-8.6%	-2.8%	-1.6%	1.2%	2.5%	0.6%	3.4%	3.6%	0.1%
Nonstore retailers	4.7%	-7.0%	2.6%	0.7%	4.7%	6.1%	3.4%	8.9%	7.5%	4.3%
Transportation and warehousing	2.2%	-3.9%	-4.9%	0.9%	5.9%	3.9%	2.9%	5.0%	5.5%	3.4%
Air transportation	8.4%	-9.1%	-9.5%	4.5%	4.3%	1.4%	7.2%	0.1%	8.0%	9.3%
Rail transportation	-0.9%	4.4%	-7.3%	-4.0%	8.7%	6.4%	-5.2%	4.5%	4.2%	-3.1%
Water transportation	13.1%	3.9%	-7.7%	0.1%	-5.3%	5.3%	7.7%	-2.2%	-0.1%	-4.6%
Truck transportation	-1.1%	-9.5%	-6.9%	-0.5%	8.7%	2.9%	2.8%	5.8%	3.6%	0.8%
Transit and ground passenger transportation	-1.0%	-2.7%	2.3%	1.1%	5.6%	4.1%	2.9%	5.6%	3.9%	4.8%
Pipeline transportation	11.6%	30.2%	10.0%	17.9%	22.8%	11.7%	11.4%	16.1%	4.1%	-0.6%
Scenic and sightseeing transportation	1.5%	-3.6%	-7.0%	0.5%	8.1%	5.7%	6.1%	5.3%	2.3%	4.5%
Support activities for transportation	1.3%	-1.4%	-8.6%	1.8%	7.3%	3.5%	2.2%	6.3%	4.5%	1.2%
Couriers and messengers	2.9%	-2.1%	-2.6%	-1.9%	-2.8%	2.1%	-0.5%	2.3%	7.2%	6.8%
Warehousing and storage	6.5%	-0.2%	1.3%	-0.7%	-1.0%	5.3%	0.8%	3.1%	12.4%	11.0%

2009 \$

	2006- 2007	2007- 2008	2008- 2009	2009- 2010	2010- 2011	2011- 2012	2012- 2013	2013- 2014	2014- 2015	2015- 2016
Information	3.7%	0.5%	-2.5%	-3.5%	0.3%	4.4%	5.6%	3.2%	4.7%	2.0%
Publishing industries (except Internet)	3.5%	-4.5%	-5.3%	-4.0%	4.6%	0.8%	0.2%	5.6%	5.1%	0.3%
Motion picture and sound recording industries	6.3%	-5.3%	14.6%	-2.3%	1.2%	10.8%	-4.8%	8.3%	5.2%	1.9%
Broadcasting (except Internet)	6.7%	20.6%	-4.7%	-2.6%	-7.7%	9.2%	10.1%	-2.6%	3.8%	1.0%
Internet publishing and broadcasting 9/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Telecommunications	8.1%	-5.1%	-2.0%	-6.1%	-1.3%	-1.4%	-0.7%	1.4%	-2.7%	-0.5%
Data processing, hosting, and related services	-29.1%	-4.4%	-4.4%	-1.7%	2.6%	4.7%	6.8%	7.7%	12.4%	4.6%
Other information services 9/	260.1%	6.8%	-5.5%	4.7%	15.6%	19.3%	46.4%	5.8%	15.7%	10.2%
Finance and insurance	2.6%	-6.0%	-2.5%	4.2%	-1.9%	3.5%	-2.5%	-0.5%	3.2%	1.5%
Monetary Authorities-central bank	4.2%	8.3%	4.5%	0.9%	-5.1%	-3.2%	6.3%	3.2%	3.4%	6.8%
Credit intermediation and related activities	0.4%	-3.8%	-7.8%	-0.9%	-5.0%	12.3%	-5.7%	0.6%	5.3%	3.8%
Securities, commodity contracts, investments	2.7%	-12.5%	10.3%	13.8%	-2.6%	-3.8%	-4.8%	-6.2%	-1.6%	-0.8%
Insurance carriers and related activities	1.1%	-1.4%	-3.3%	-2.0%	1.9%	3.8%	2.0%	4.7%	5.9%	1.0%
Funds, trusts, and other financial vehicles	104.3%	-11.5%	-76.8%	92.8%	6.5%	-4.2%	30.8%	-18.1%	-8.3%	5.5%
Real estate and rental and leasing	-16.2%	-1.4%	-7.2%	3.8%	13.7%	16.0%	9.3%	4.5%	10.2%	4.2%
Real estate	-22.3%	-6.4%	-6.0%	7.7%	18.2%	22.1%	11.9%	5.0%	12.4%	4.0%
Rental and leasing services	2.8%	11.4%	-9.9%	-4.2%	3.9%	-0.4%	1.1%	2.8%	2.1%	5.2%
Lessors of nonfinancial intangible assets (except copyrighted works)	2.4%	-5.4%	-3.0%	-4.5%	-6.0%	5.6%	-2.1%	4.5%	-1.5%	2.0%
Professional, scientific, and technical services	5.0%	6.0%	-5.6%	-1.0%	4.4%	4.0%	0.5%	4.9%	6.5%	2.0%
Management of companies and enterprises	6.8%	-3.2%	-2.5%	0.9%	6.2%	5.8%	4.2%	3.7%	5.2%	-0.4%
Administrative and waste services	2.0%	-2.1%	-6.1%	2.6%	4.2%	3.9%	2.2%	4.1%	4.3%	2.0%
Administrative and support services	2.3%	-2.4%	-6.7%	2.9%	4.4%	4.2%	2.4%	4.0%	4.5%	2.0%
Waste management and remediation services	-2.5%	2.3%	3.2%	-0.7%	1.3%	0.5%	0.3%	6.6%	1.6%	1.0%
Educational services	3.8%	3.7%	7.6%	2.7%	2.4%	3.7%	0.6%	2.6%	3.9%	2.4%
Health care and social assistance	2.6%	4.1%	4.1%	2.4%	0.5%	1.9%	1.7%	1.7%	5.0%	3.7%
Ambulatory health care services	2.7%	4.3%	2.7%	3.6%	1.1%	1.5%	1.6%	2.1%	5.1%	3.9%
Hospitals	2.7%	4.6%	6.8%	0.7%	0.5%	1.8%	1.1%	0.9%	5.5%	3.0%
Nursing and residential care facilities	2.2%	3.1%	3.7%	2.3%	-0.5%	-0.2%	1.3%	1.0%	3.2%	2.7%
Social assistance	2.3%	2.3%	2.8%	2.6%	-1.7%	7.5%	4.6%	2.9%	4.8%	6.1%
Arts, entertainment, and recreation	0.4%	-0.9%	-3.0%	1.8%	0.5%	6.2%	3.6%	8.6%	-0.2%	5.2%
Performing arts, spectator sports, and related industries	2.0%	-3.4%	-2.4%	2.6%	0.9%	6.5%	1.9%	11.4%	-1.4%	5.2%
Museums, historical sites, and similar institutions	4.7%	3.9%	2.0%	1.9%	-1.0%	3.6%	3.9%	6.2%	3.9%	5.9%
Amusement, gambling, and recreation industries	-2.4%	2.2%	-4.5%	0.7%	0.1%	6.1%	6.2%	5.0%	1.1%	5.1%
Accommodation and food services	1.6%	-2.3%	-3.9%	1.4%	4.0%	5.9%	3.5%	5.3%	6.5%	4.0%
Accommodation	1.9%	-1.1%	-13.4%	2.9%	5.7%	5.3%	4.6%	3.6%	4.0%	1.6%
Food services and drinking places	1.5%	-2.7%	-0.7%	0.9%	3.5%	6.1%	3.1%	5.8%	7.3%	4.7%
Other services (except public administration)	-0.9%	-4.8%	-0.4%	0.3%	1.0%	4.5%	-0.3%	4.8%	3.9%	1.8%
Repair and maintenance	-3.8%	-9.6%	-1.8%	2.2%	2.5%	5.2%	-0.6%	4.5%	4.7%	2.1%
Personal and laundry services	-3.7%	-11.2%	-0.2%	3.9%	1.9%	5.8%	-1.0%	5.4%	3.9%	2.9%
Religious, grantmaking, civic, professional, and similar organizations	2.9%	3.2%	1.8%	-1.8%	-1.2%	2.9%	0.1%	3.3%	3.6%	1.8%
Private households	7.3%	2.8%	-8.5%	-13.3%	4.0%	5.2%	1.9%	12.9%	1.8%	-6.8%

2009 \$

	2006- 2007	2007- 2008	2008- 2009	2009- 2010	2010- 2011	2011- 2012	2012- 2013	2013- 2014	2014- 2015	2015- 2016
Government and government enterprises	2.6%	1.9%	3.0%	1.7%	-1.7%	-1.5%	-0.2%	0.9%	2.9%	1.4%
Federal, civilian	1.6%	0.8%	5.1%	6.3%	-0.1%	-1.9%	-2.8%	0.9%	3.6%	1.5%
Military	1.9%	4.8%	6.5%	2.0%	-2.7%	-3.0%	-4.9%	-4.2%	-1.4%	-1.5%
State and local	2.9%	1.8%	2.2%	0.6%	-2.0%	-1.2%	0.9%	1.5%	3.1%	1.7%
State government	2.8%	2.2%	1.8%	0.9%	-0.7%	0.4%	1.1%	1.9%	2.9%	1.3%
Local government	2.9%	1.7%	2.3%	0.5%	-2.5%	-1.8%	0.8%	1.3%	3.2%	1.9%

Prepared by the Maryland Department of Planning, Projections and Data Center (January 2018)

Source: U.S. Bureau of Economic Analysis, Regional Economic Accounts, Table SA5N, Personal Income by Major Component and Earnings

1/ The estimates of earnings for 1998-2006 are based on the 2002 North American Industry Classification System (NAICS). The estimates for 2007-2010 are based on the 2007 NAICS.

The estimates for 2011 forward are based on the 2012 NAICS.

2/ Census Bureau midyear population estimate. Estimates for 2010-2016 reflect Census Bureau midyear state population estimates available as of December 2016.

3/ Per capita personal income is total personal income divided by total midyear population.

4/ Employer contributions for government social insurance are included in earnings by industry and earnings by place of work, but they are excluded from net earnings by place of residence and personal income. Employee and self-employed contributions are subtractions in the calculation of net earnings by place of residence and all of the income measures.

5/ The adjustment for residence is the net inflow of the earnings of interarea commuters. For U.S., it consists of adjustments for border workers and US residents employed by international organizations and foreign embassies.

6/ Rental income of persons includes the capital consumption adjustment.

7/ Includes actual employer contributions and actuarially imputed employer contributions to reflect benefits accrued by defined benefit pension plan participants through service to employers in the current period.

8/ Proprietors' income includes the inventory valuation adjustment and the capital consumption adjustment.

9/ Under the 2007 NAICS, internet publishing and broadcasting was reclassified to other information services.

(D) Not shown to avoid disclosure of confidential information, but the estimates for this item are included in the total.

(NA) Data not available for this year.